



# Cook County COVID-19 Vaccination Program

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# Current Situation in Suburban Cook County

As of January 06, 2021:

**181,356**

Confirmed Cases



**3,439**

Deaths\*



**286**

Weekly Case Rate per  
100,000

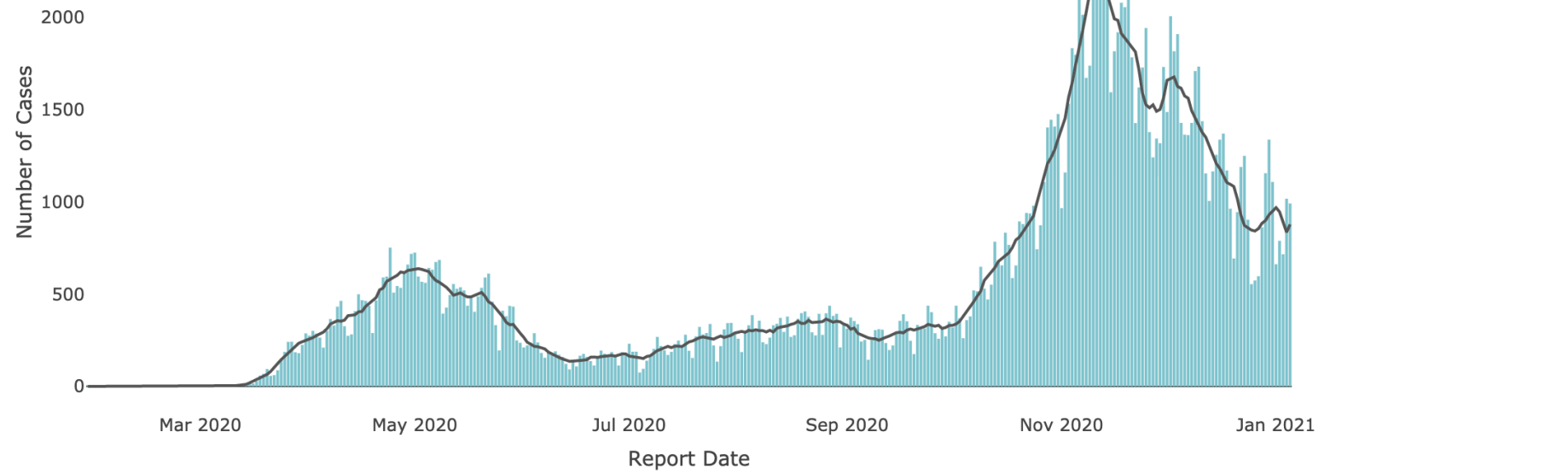
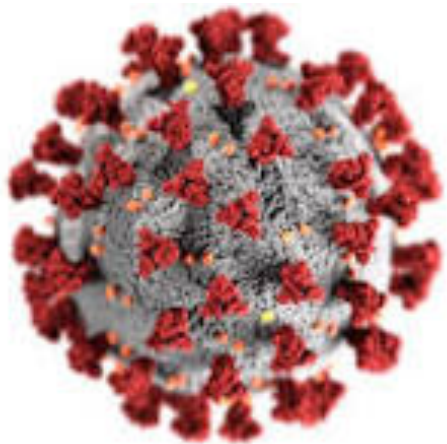


**10.9%**

Test Positivity Last Week



Cases by Report Date in Suburban Cook County, IL  
(n = 181,356)





# Pfizer-BioNTech COVID-19 Vaccine

- First ever mRNA vaccine, allowed for rapid development, two doses 21 days
  - Requires ultra-cold (-80C to -60C) storage, must be used within 6 hours after thawing
- 44,000 participants randomized to placebo or vaccine
  - Included 9.3% African American, 4.3% Asian, 28% Latinx, all adults 16 years or older
- Side effects included: injection site pain, fever, fatigue, headache, muscle aches
- Efficacy 95% overall after two doses
  - Similar across age, gender, race, and high risk conditions
  - Full protection two weeks after second dose



<https://www.nejm.org/doi/full/10.1056/NEJMoa2034577> on 12/22/2020

<https://www.cdc.gov/vaccines/acip/meetings/downloads/slides-2020-12/slides-12-11/COVID-02-Gruber.pdf> on 12/13/2020

<https://www.fda.gov/media/144246/download> on 12/13/2020



# Moderna-NIH COVID-19 Vaccine

- Second mRNA vaccine, two doses 28 days apart, no ultra-cold storage required
  - Stable for months in standard freezers, 30 days in refrigerator
- 30,420 trial participants randomized to placebo or vaccine
  - Included 10.2% African American, 4.6% Asian, 20.5% Latinx, all adults 18 years or older
- Side effects included: injection site pain, fatigue, headache, muscle pain, joint pain
- Two doses confer 94% efficacy overall against symptomatic COVID-19
  - Some evidence of protection against asymptomatic COVID-19
  - High ( $\geq 86\%$ ) across age, gender, race, and high risk conditions
  - Full protection two weeks after second dose



# Safety

- Contraindications (don't get vaccinated)
  - Anyone with a severe or immediate allergic reaction to an mRNA vaccine or components
  - Anyone with an immediate allergic reaction to polysorbate
- Precautions (may get vaccinated, discuss with your healthcare provider)
  - Anyone with a severe allergic reaction to any vaccine or injectable therapy (intramuscular, intravenous, or subcutaneous)
- Appropriate medical treatment used to manage immediate allergic reactions must be immediately available
- Vaccine providers should observe patients after vaccination to monitor for the occurrence of immediate adverse reactions



# CDC – Advisory Committee on Immunization Practices (ACIP) Phased Approach for Vaccine Allocation (12/20 update)

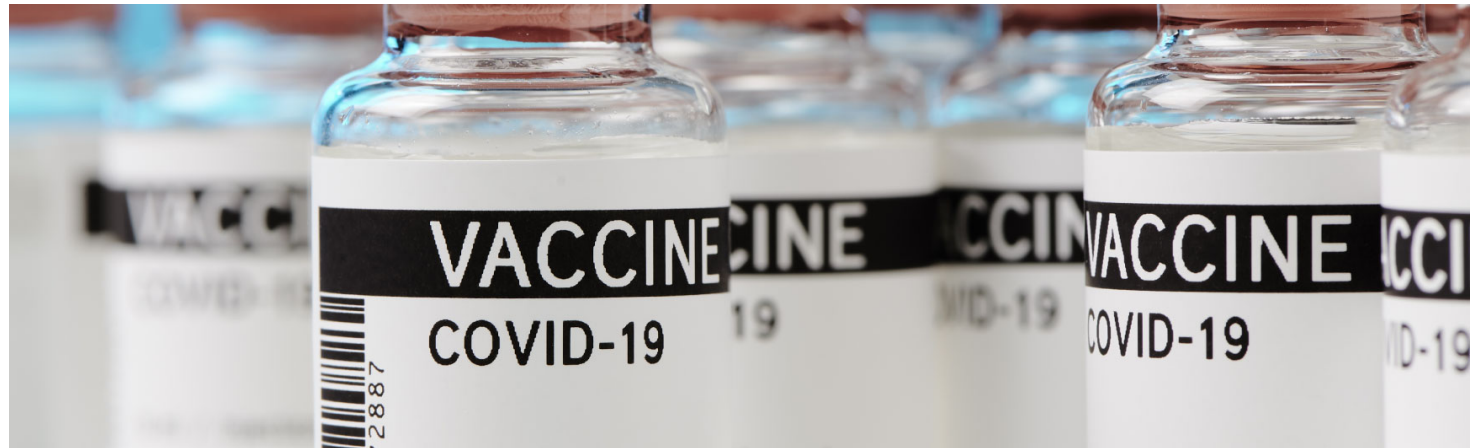
- Phase 1a: Healthcare personnel and long term care facility residents
  - Hospital-based health care workers, highest risk of exposure
  - Long-term care facility (LTCF) residents and personnel
  - Community-based healthcare workers, including EMS personnel





# CDC – Advisory Committee on Immunization Practices (ACIP) Phased Approach for Vaccine Allocation (12/20 update)

- Phase 1b - Frontline essential workers and individuals  $\geq 65$  years\*
- Frontline essential workers defined as:
  - workers who are in sectors essential to the functioning of society and are at substantially higher risk of exposure to SARS-CoV-2
- Includes:
  - First Responders (Firefighters, Police)
  - Education (teachers, support staff, daycare)
  - Food & Agriculture
  - Manufacturing
  - Corrections workers
  - U.S. Postal service workers
  - Public transit workers
  - Grocery store workers



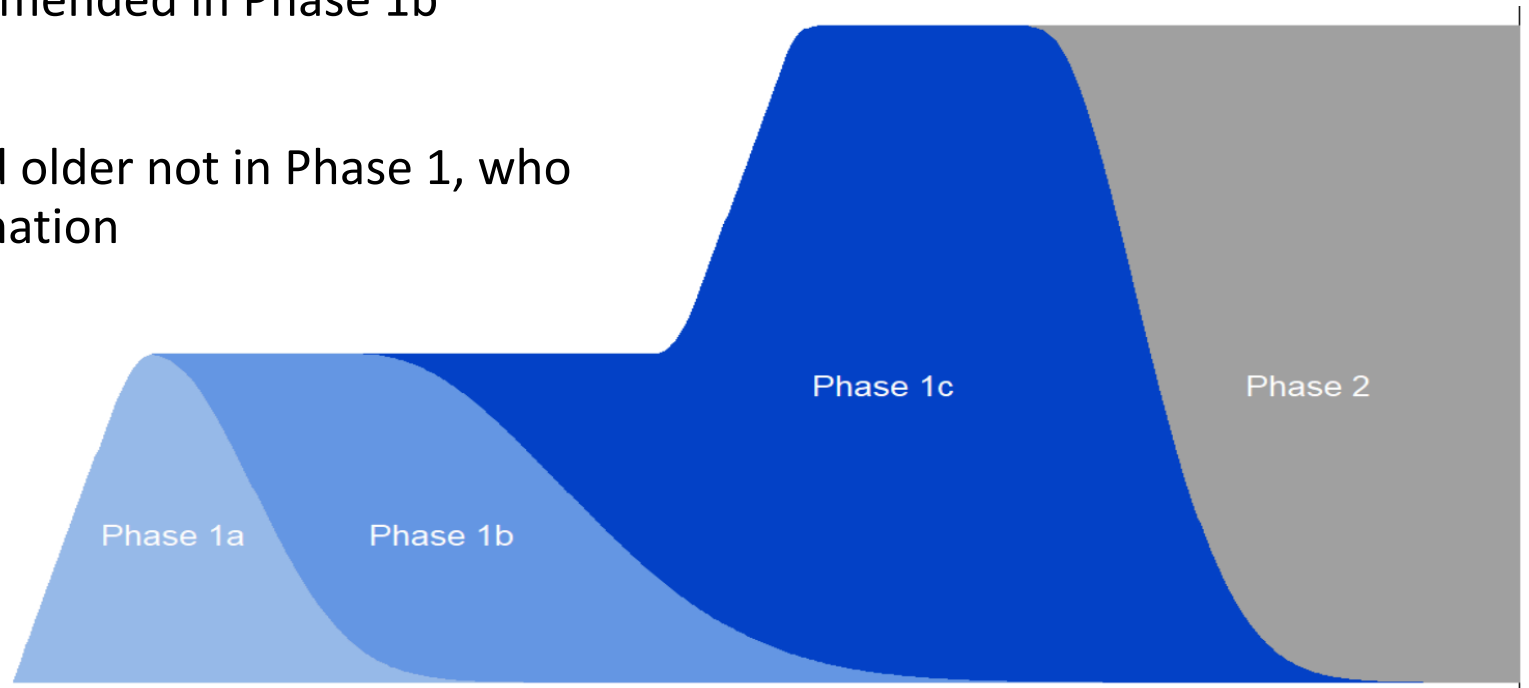
\* IDPH 1/6/2020 guidance





# CDC – Advisory Committee on Immunization Practices (ACIP) Phased Approach for Vaccine Allocation (12/20 update)

- Phase 1c
  - Persons aged 65-74 years
  - Persons aged 16-64 years with high-risk conditions
  - Essential workers not recommended in Phase 1b
- Phase 2
  - All people aged 16 years and older not in Phase 1, who are recommended for vaccination







# Vaccine Strategy

- Partnerships are key to achieving the goal of 70% vaccine uptake required for herd immunity
- Overarching strategy is for healthcare providers in the community to immunize
- CCDPH will take the lead in coordination, immunizing critical populations, and identifying and bridging gaps in coverage
  - CCDPH will continue to monitor testing, contact tracing, vaccination data, and guidance to refine and update allocation strategies





# Partnerships

- Cook County Emergency Operations Center
  - Vaccine receipt, storage, distribution
  - Community vaccination site selection
  - Ongoing logistical and operational support
- CCH / CCDPH
  - Cook County Health centers starting 1/2021 for healthcare workers and EMS
  - Advocate Christ EMS Facility partnership – planning for EMS starting 1/4
  - Planning for community based vaccinations
    - Three sites throughout suburban Cook County
    - Tents at Cook County Health clinic sites
- Hospitals
  - Vaccination ongoing for healthcare workers and EMS (Loyola, Northwest Community, Lutheran General)
  - In discussions for vaccination of community based healthcare workers





# Partnerships

- Community Healthcare Providers
  - Federally qualified health centers, private clinics – Starting 1/4 for healthcare workers
- Federal Pharmacy Program
  - Partnership with CVS and Walgreens
  - Starting week of 1/4 for Long Term Care Facilities
- Pharmacies
  - Jewel/Osco started 12/28 for healthcare workers
  - Sam's Club/Walmart starting early 1/2021





# Information

- Individuals: <https://redcap.dph.illinois.gov/surveys/?s=PP8PJNFHMW>
  - Updates on when and how individuals will be vaccinated
  - Focused on Phase 1a healthcare workers
- Organizations: <https://redcap.dph.illinois.gov/surveys/?s=YK3WLELLJR>
  - Updates on when and how healthcare provider organizations and their staff will be vaccinated
  - Information on how to become a vaccine provider
- City of Chicago: <https://www.chicago.gov/city/en/sites/covid19-vaccine/home.html>